

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4A1B00) Hex(614F44) Hex(4A002F) Hex(30251F) Hex(B0B0B0) Hex(303030)

	Hex(4A1B00)	Hex(614F44)	Hex(4A002F)	Hex(30251F)	Hex(B0B0B0)	Hex(303030)
Hex(4A1B00)		Ratio: 1.87 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(614F44)	Ratio: 1.87 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(4A002F)	Ratio: 1.09 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 7.27 Passed ⁶	Ratio: 1.19 Failed ⁵
Hex(30251F)	Ratio: 1.03 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(B0B0B0)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 7.27 Passed ⁶	Ratio: 6.87 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.10 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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